

Employment and Earnings Trends in a Complex Program Delivery Environment

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Wisconsin Pathways to Independence**

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Presentation Goals

- **Employment and Earnings Trends**
- **Program Environment and Implications for Modeling and Interpretation**
- **No Claims about Net Impact of the Intervention**

Key Partners

- **The Consumer**
- **Contracted Provider Agencies (19)**
- **Division of Vocational Rehabilitation
(Department of Workforce Development)**
- **Center for Delivery Systems Development
(Department of Health and Family
Services)**

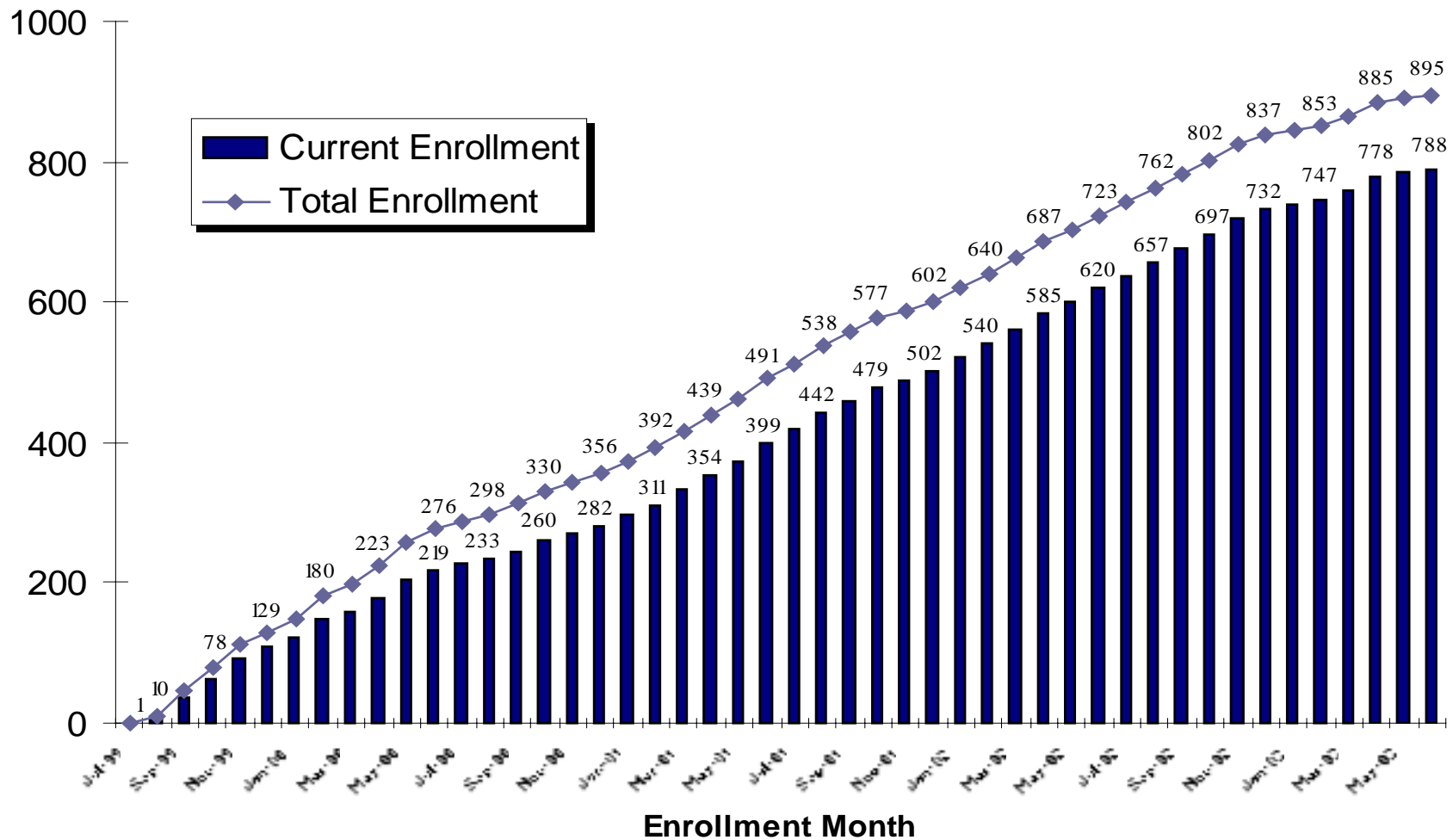
Key Elements of the Intervention

- **Consumer Direction**
- **Benefits Counseling**
- **Team-Based Vocational Assessment and Service Planning**

Eligibility Criteria

- **SSA Beneficiary/Recipient**
- **Aged 18-64 (some exceptions for 16-17)**
- **DVR Consumer (some exceptions)**
- **Within Service Area of Appropriate Provider Agency**
- **Self-Selection, but structured by organizational practices in the field**
- **Capacity/enrollment vary across the state**

Current versus Total Enrollment



Total enrollment includes all individuals who have participated in PTI.

Current Enrollment includes only individuals participating as of July 15, 2003.

Comparison Strategy

- **Participants - to - Selves**
- **In State Non - Equivalent Comparison Group (Cohort)**
- **Washington State Comparison Group**
- **Seventeen Quarter Time Series**
 - **Eight Before Entry**
 - **Eight After Entry**
- **Analysis in Participant Time**

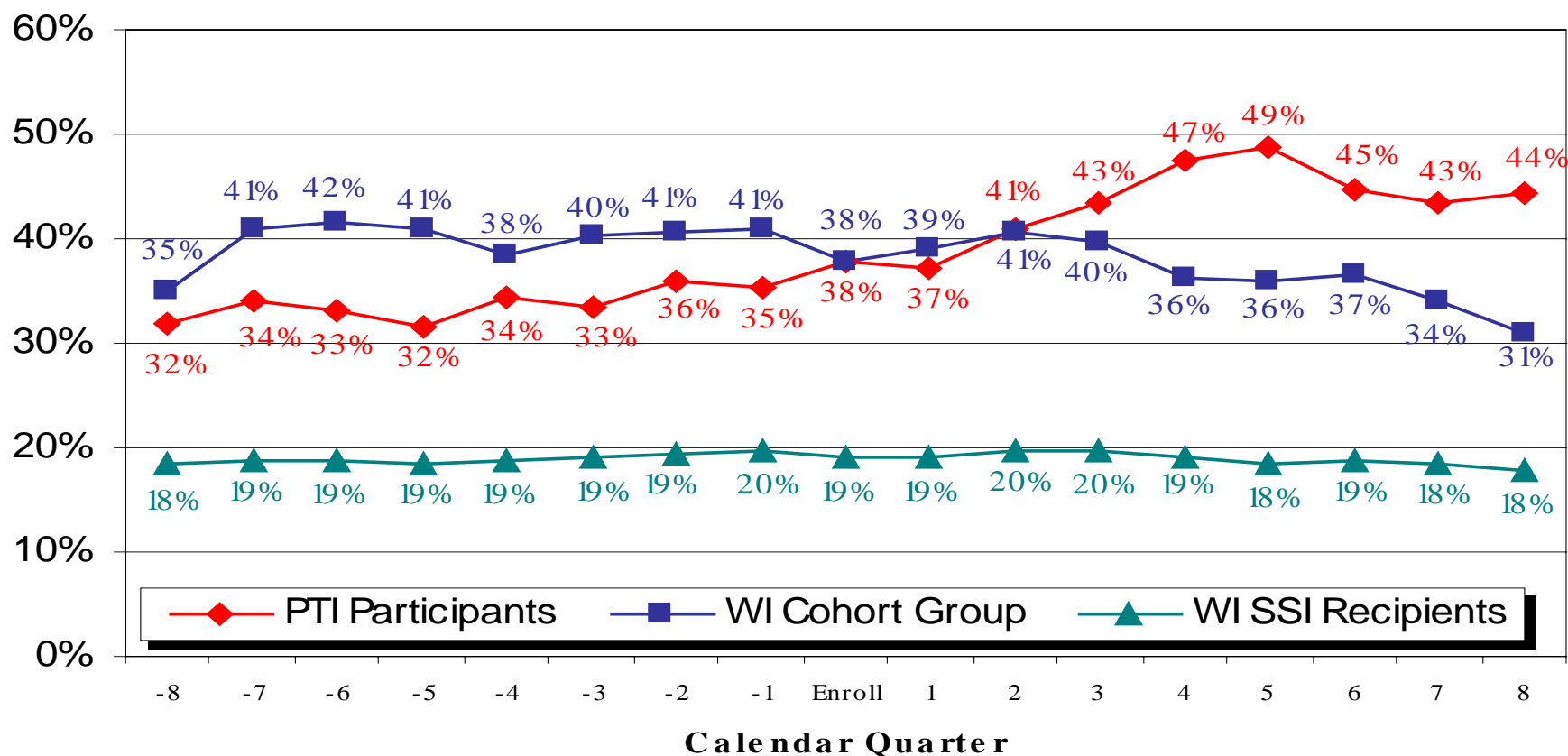
The Cohort Group

- **Meeting Basic PTI Eligibility Requirements**
- **DVR Consumers at Case Status 10 or Higher**
- **Self-Selected**
- **“Enrollment” for the Cohort Group was defined as the point of baseline survey return (first quarter of 2000)**

Outcome Variable: Unemployment Insurance Wage Data

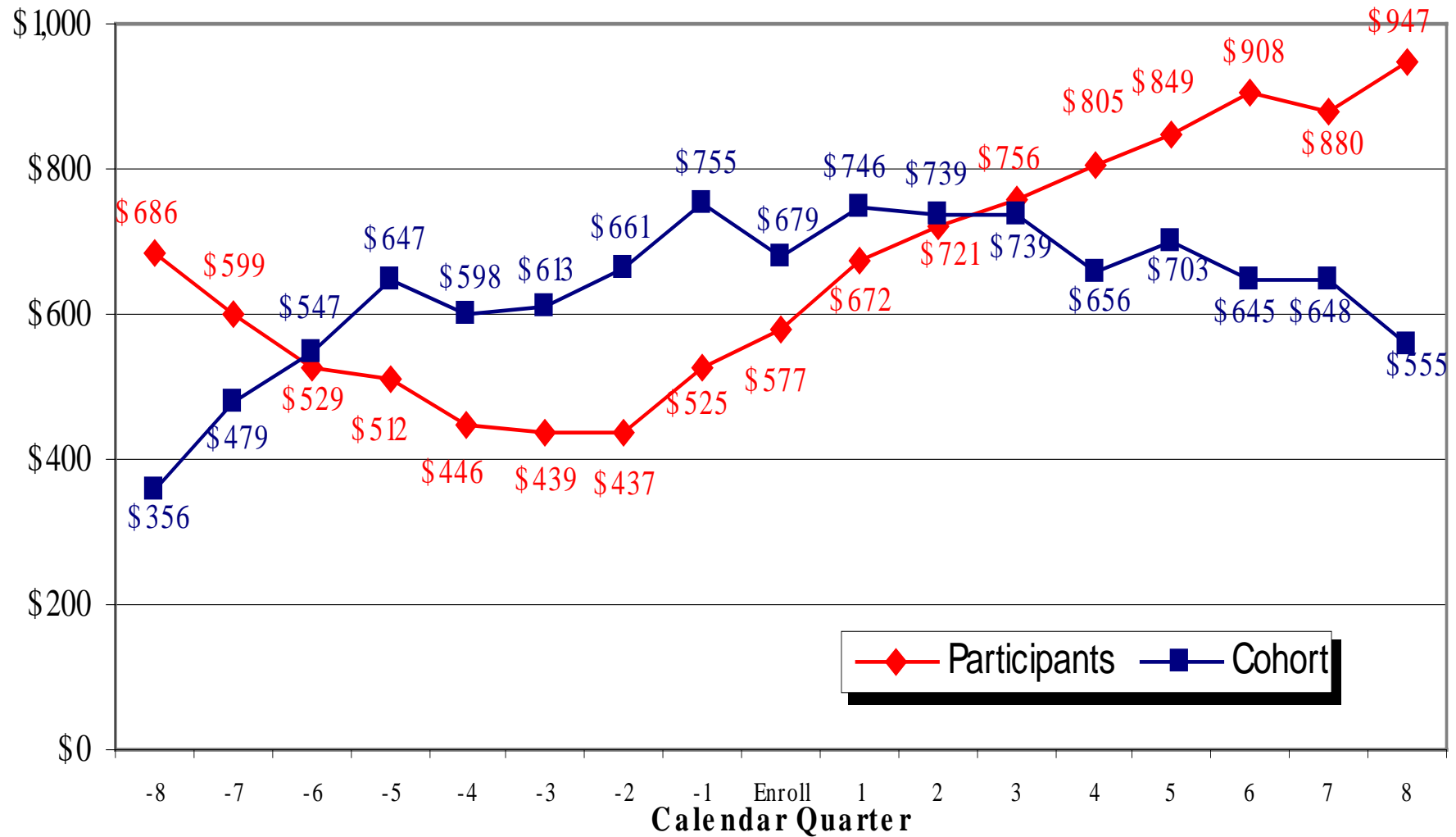
- **Reported by Calendar Quarter**
- **Calendar Quarters included range from Q2 1997 - Q1 2003, but values have been adjusted to 1996 GDP dollars**
- **Issues with UI Data**
 - **Not all jobs/earnings reported**
 - **No ability to identify exact start/end dates within a calendar quarter**

Percent Employed



1. Data for PTI Participants and the WI Cohort Group are quarterly earnings reported to the WI Unemployment Data system.
2. Data for PTI Participants are based on individuals who enrolled between July, 1999 and March, 2001; N = 371. "Enroll" reflects the calendar quarter in which the participant enrolled in PTI.
3. Data for the WI Cohort Group are based on individuals who have agreed to be tracked for research purposes; N = 613. "Enroll" reflects the first calendar quarter of 2000.
4. Data for WI SSI Recipients were obtained from relevant issues of the *SSI Disabled Recipients Who Work* report and have been adjusted to reflect only SSI recipients who are age 18-64; Ns range from 10264-11121. The national percentage of SSI recipients age 18-64 who work is 8-9% for the same time period. "Enroll" reflects the first calendar quarter of 2000.

Mean Earnings per PTI Participant

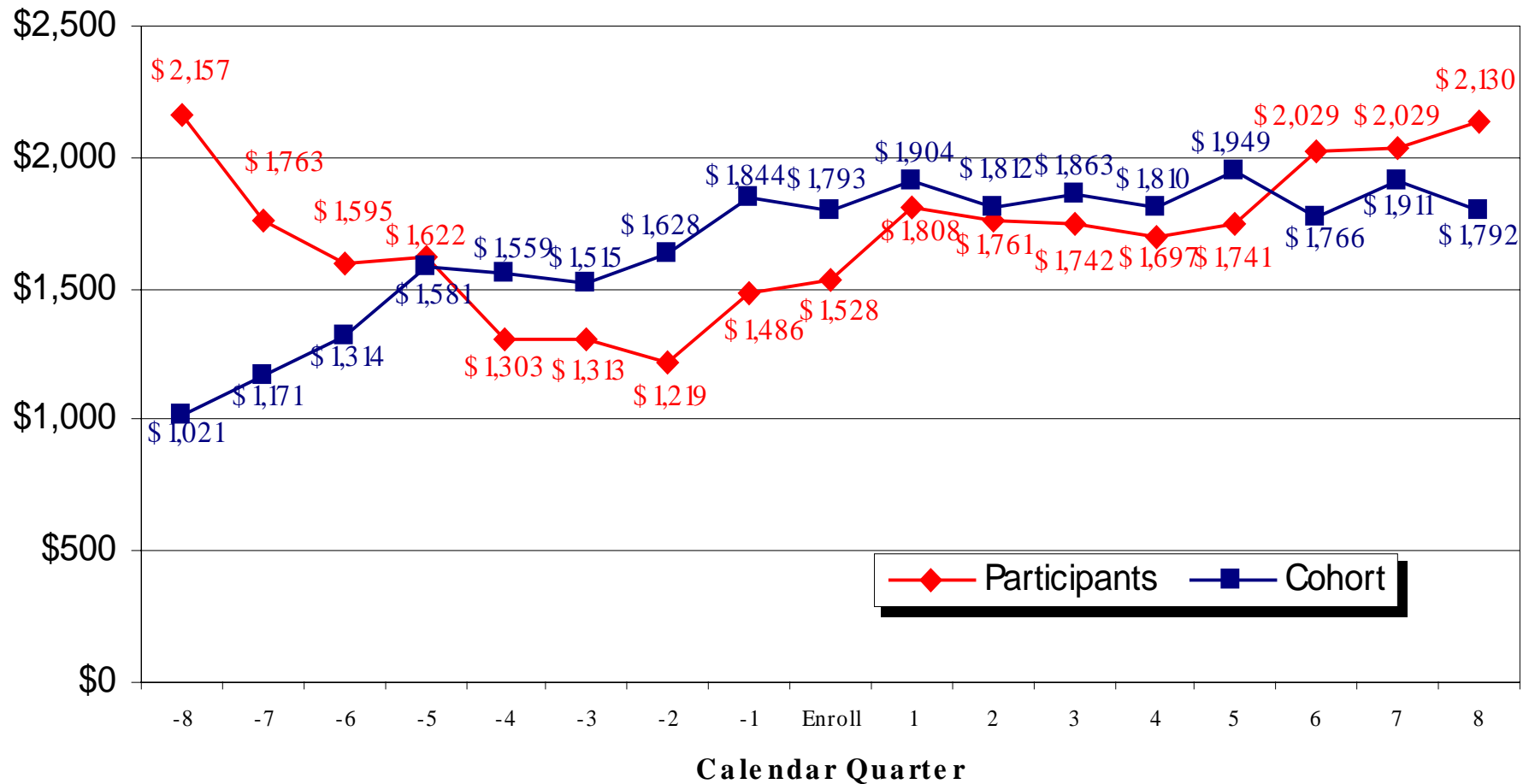


Data based on PTI participants enrolled by March 31, 2001; N = 371.

Cohort enrollment quarter based on Jan-Mar, 2000; N = 613.

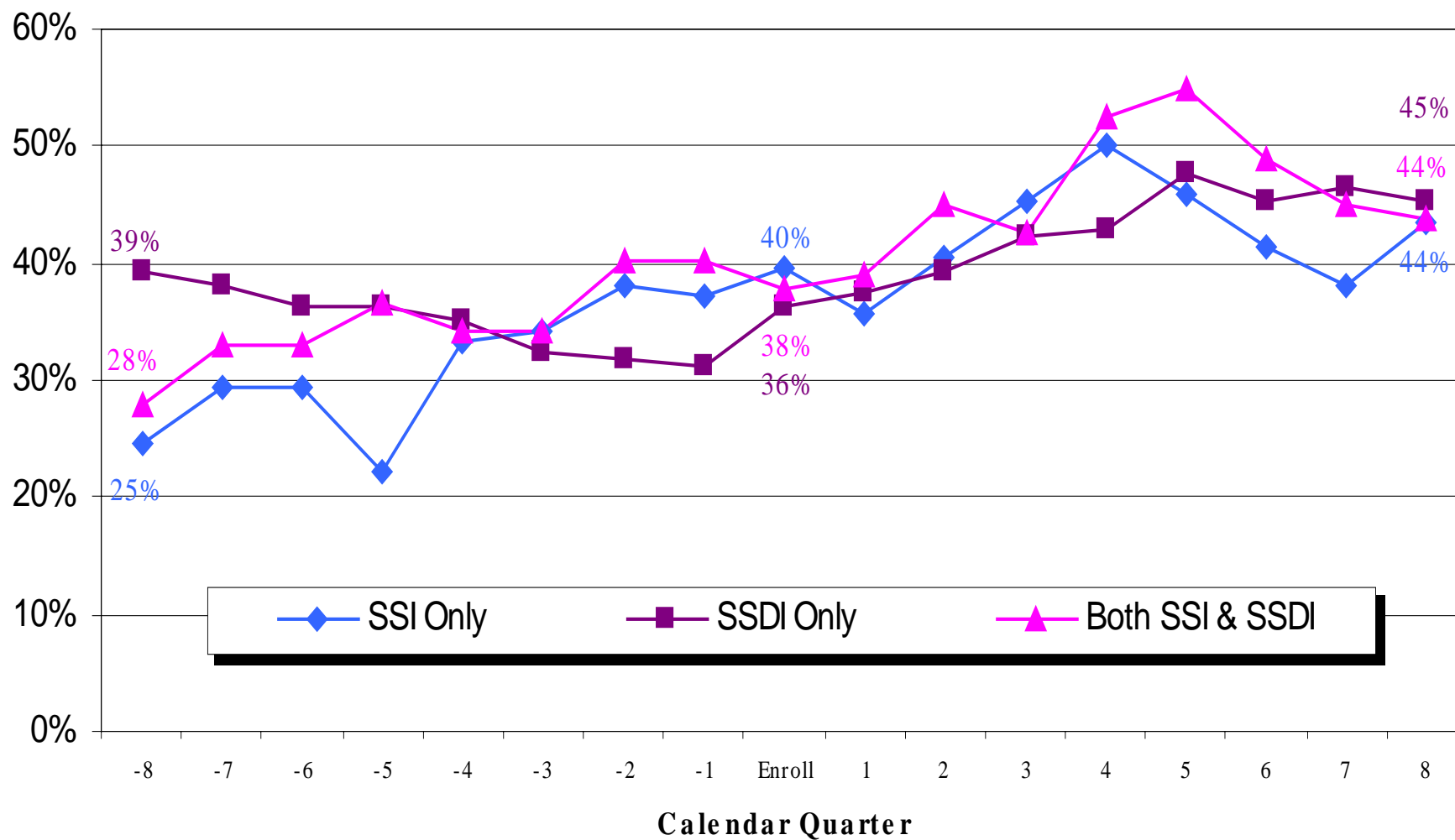
Values have been adjusted to reflect 1996 GDP dollars.

Mean Earnings per Employed PTI Participant



Data based on PTI participants enrolled by March 31, 2001; N = 371. Quarterly numbers vary.
 Cohort enrollment quarter based on Jan-Mar, 2000; N = 613. Quarterly numbers vary
 Values have been adjusted to reflect 1996 GDP dollars.

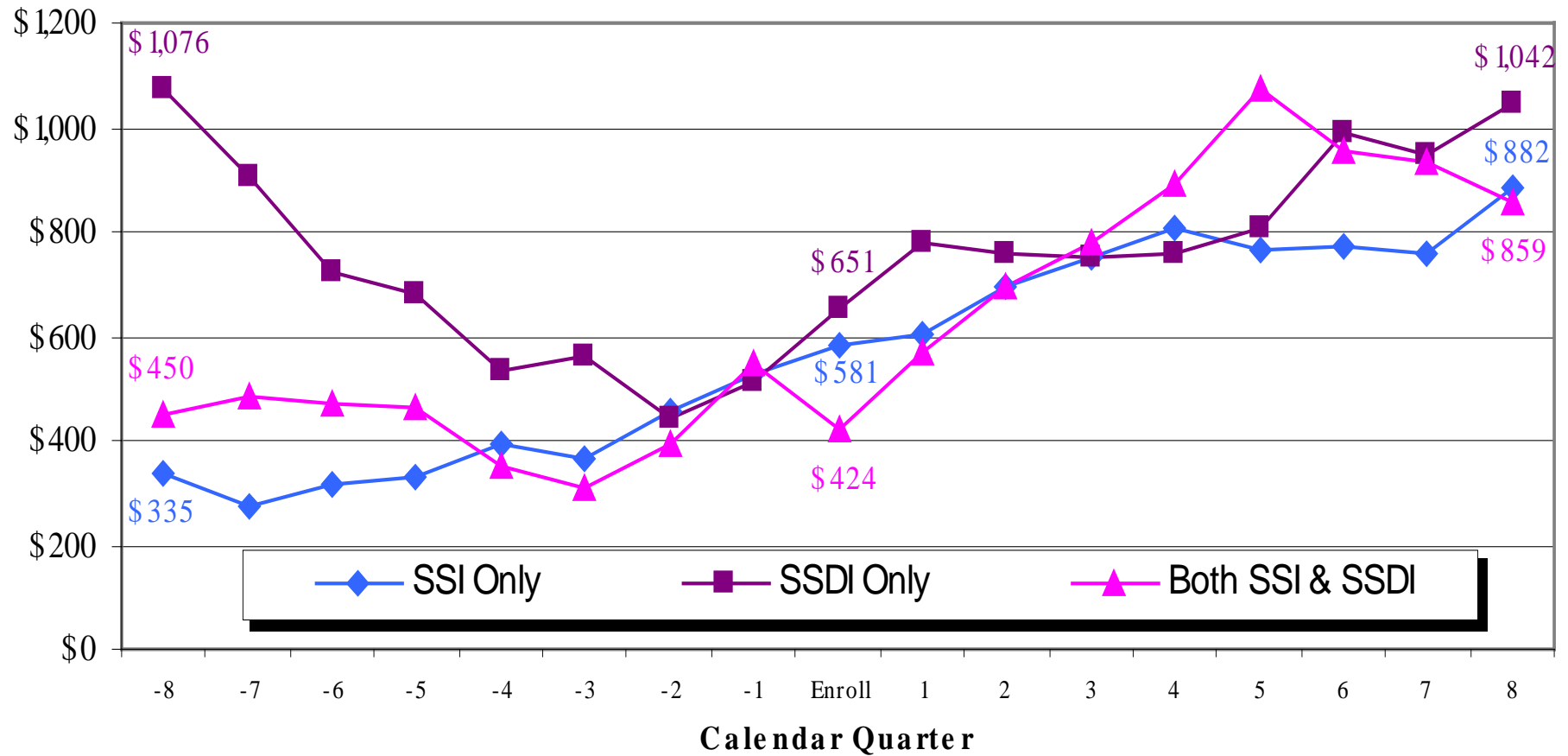
Percent Employed by Benefit Status at Enrollment



Data based on PTI participants enrolled by March 31, 2001.

Overall N = 371; $n_{SSI} = 126$, $n_{SSDI} = 163$, $n_{Concurrent} = 82$.

Mean Earnings per Participant by Benefit Status at Enrollment

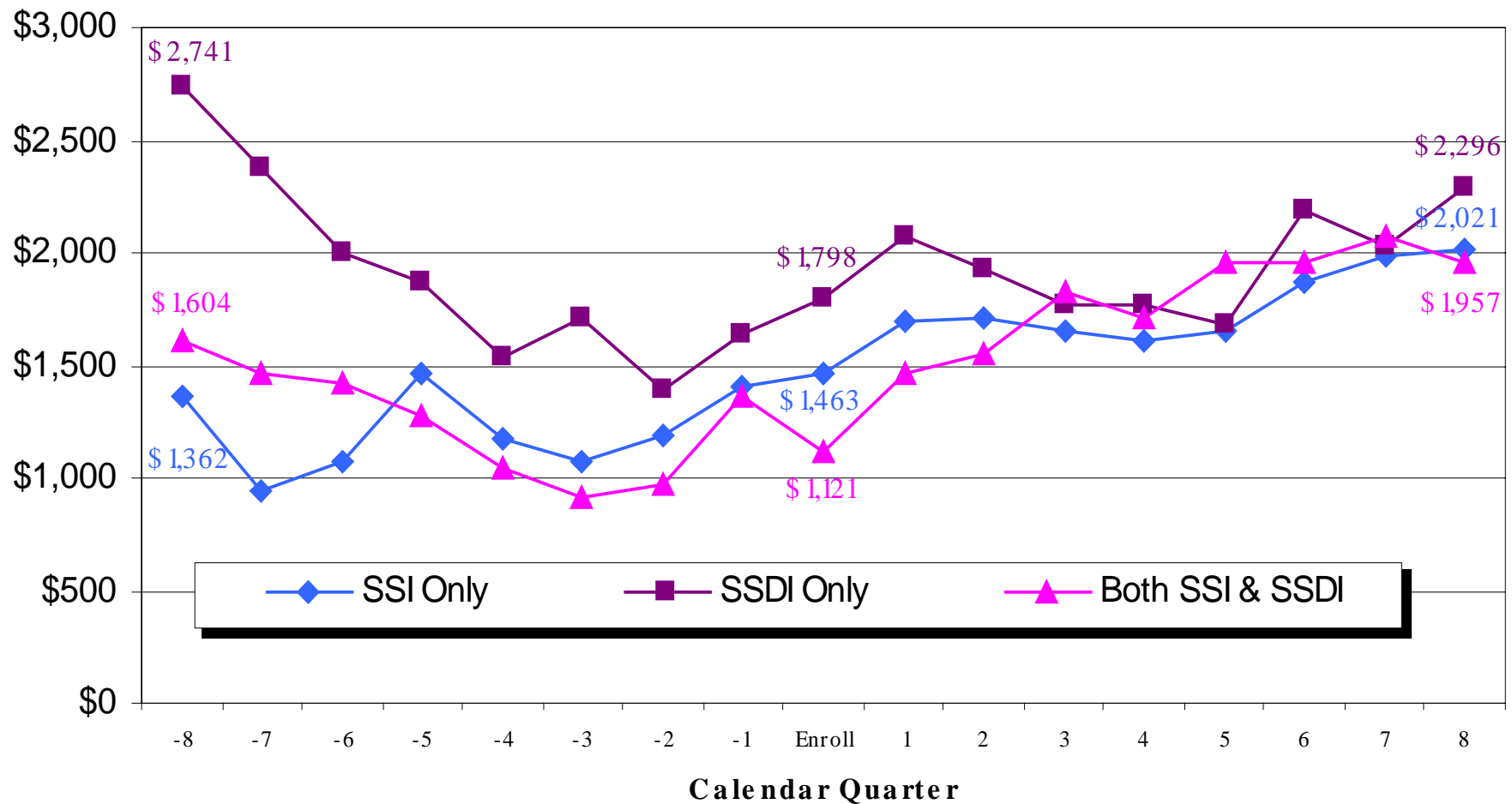


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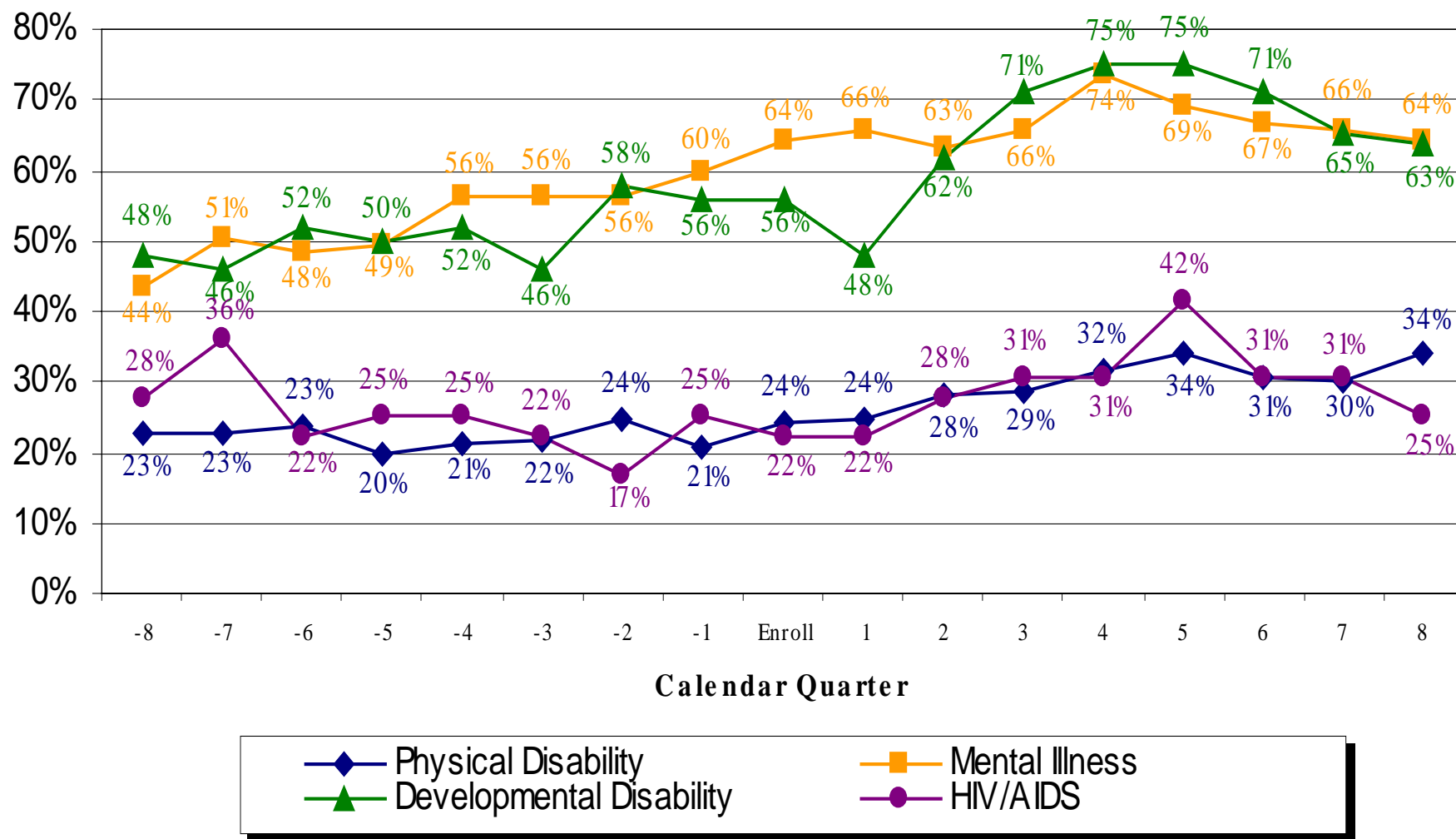
Provider Agencies

- **Physical Disabilities**
- **Mental Health**
- **Developmental Disabilities**
- **HIV/AIDS**
- **Groups are related to WI statutory definitions of disability**

Service Models

- **PD and HIV/AIDS use Vocational Futures Planning (VFP)**
- **MH use PACT or Clubhouse**
- **DD use Consumer Planning Process for People with Developmental Disabilities (CPPPDD)**
- **Cross Agency Variation**
 - **In implementation**
 - **For DD, in model used**

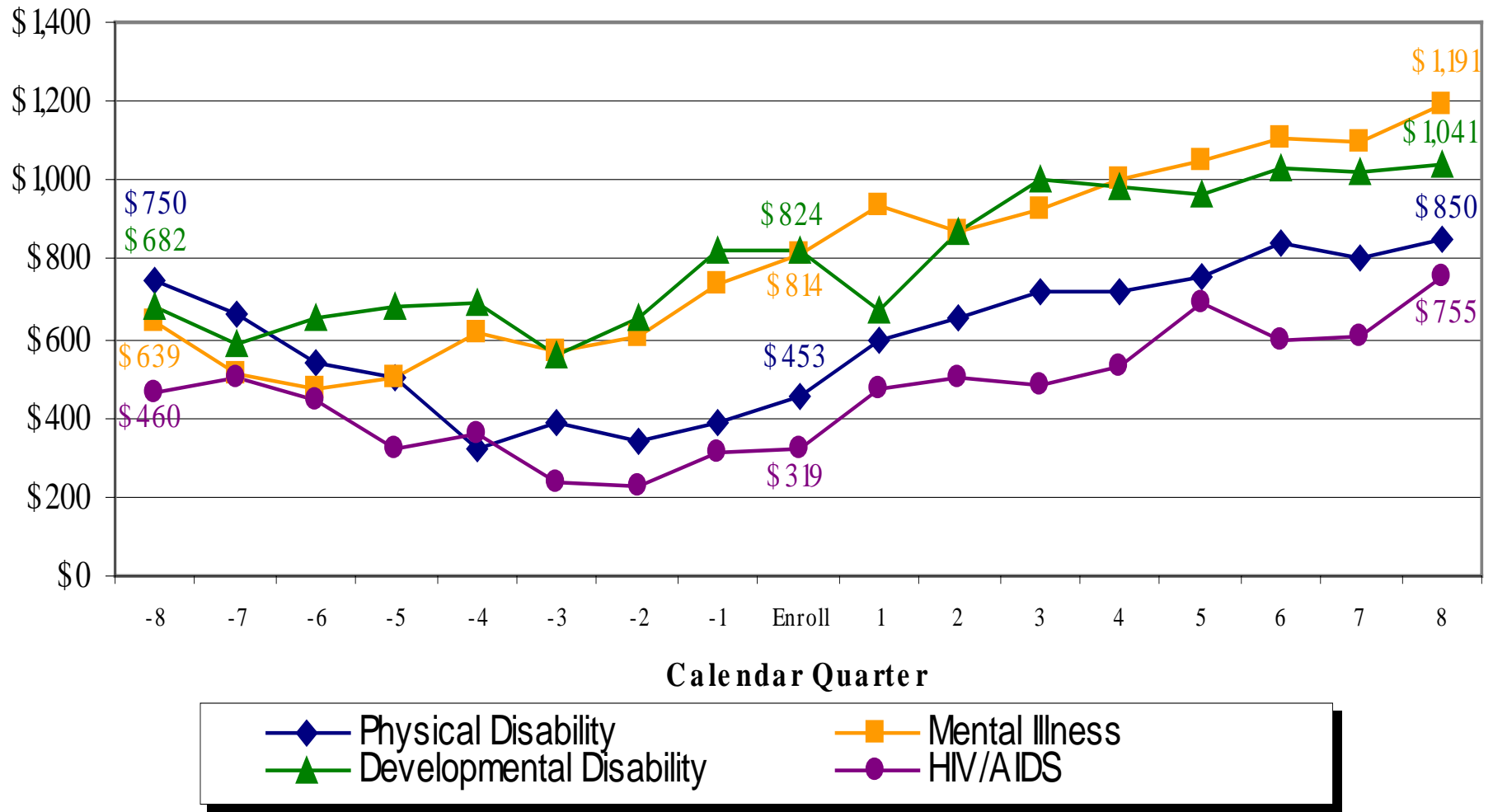
Percent Employed by Type of Disability



Data based on PTI participants enrolled by March 31, 2001.

Overall N = 371; n_{PD} = 196, n_{MI} = 87, n_{DD} = 52, n_{HIV} = 36.

Mean Earnings per Participant by Type of Disability

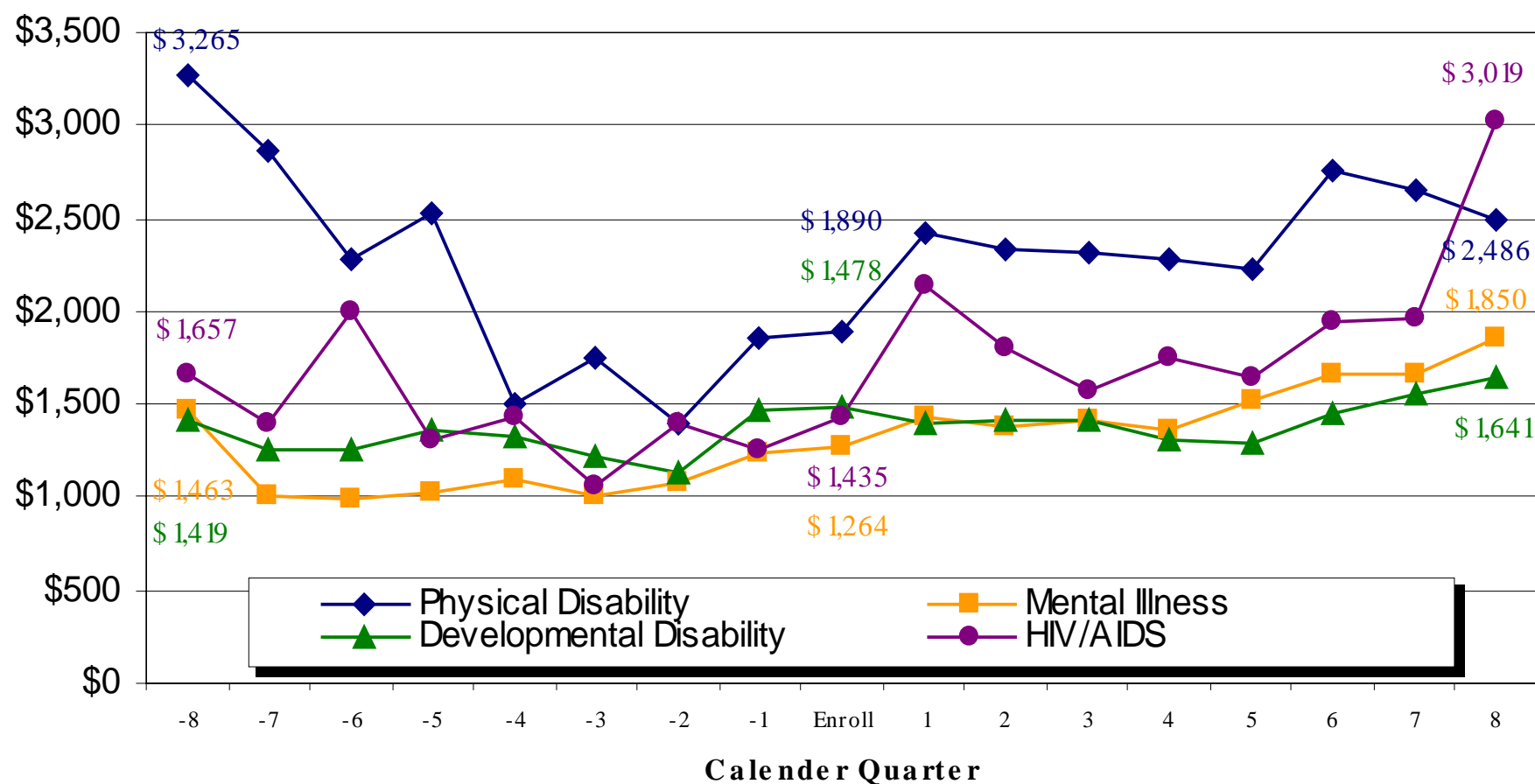


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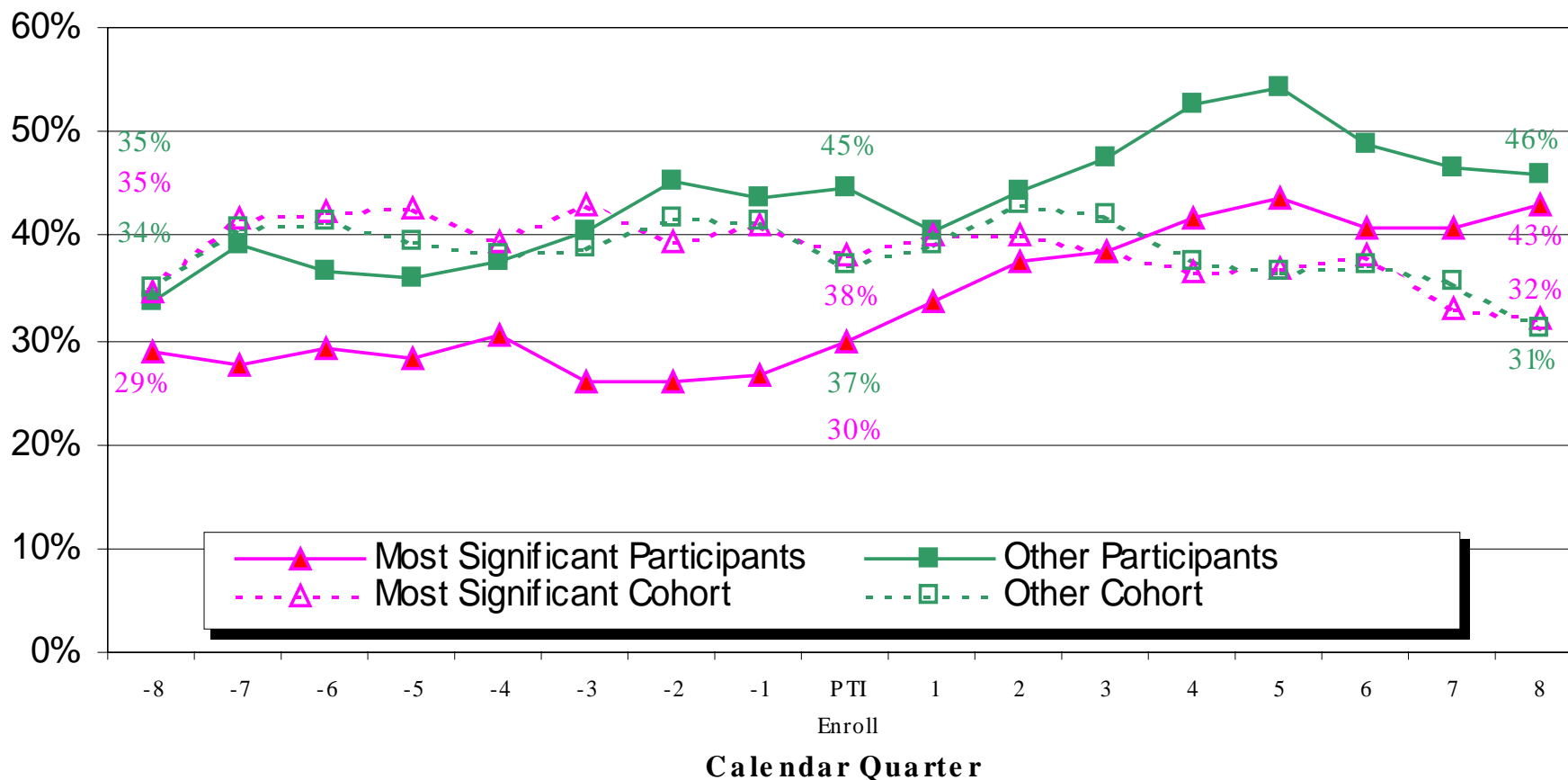
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Order of Selection

- **DVR categorizes consumers by significance of disability to prioritize service delivery**
- **PTI Participants and the WI Cohort Group are divided roughly equally between 'Most Significant' (Category 1) and other significance levels (Categories 2 and 3).**
- **There have been large and persistent differences across disability groups in level of significance.**

Percent Employed by Significance of Disability

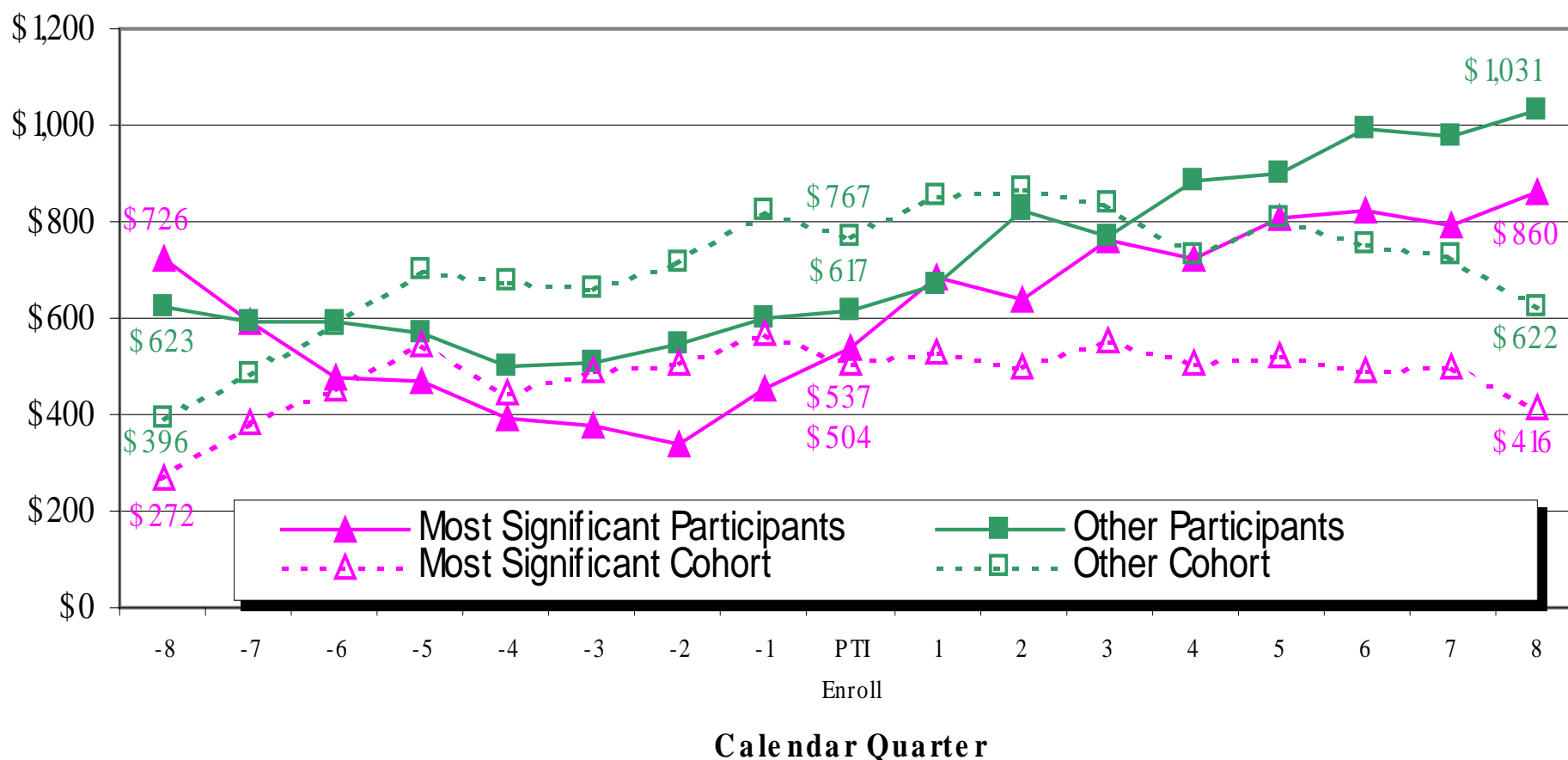


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Participant N = 371; $n_{\text{Most Significant}} = 184$, $n_{\text{Other Significance}} = 181$ (164 Sign, 17 Not Sign), $n_{\text{Missing}} = 6$.

Cohort N = 613; $n_{\text{Most Significant}} = 255$, $n_{\text{Other Significance}} = 291$ (215 Sign, 76 Not Sign), $n_{\text{Missing}} = 67$.

Mean Earnings per Consumer by Significance of Disability



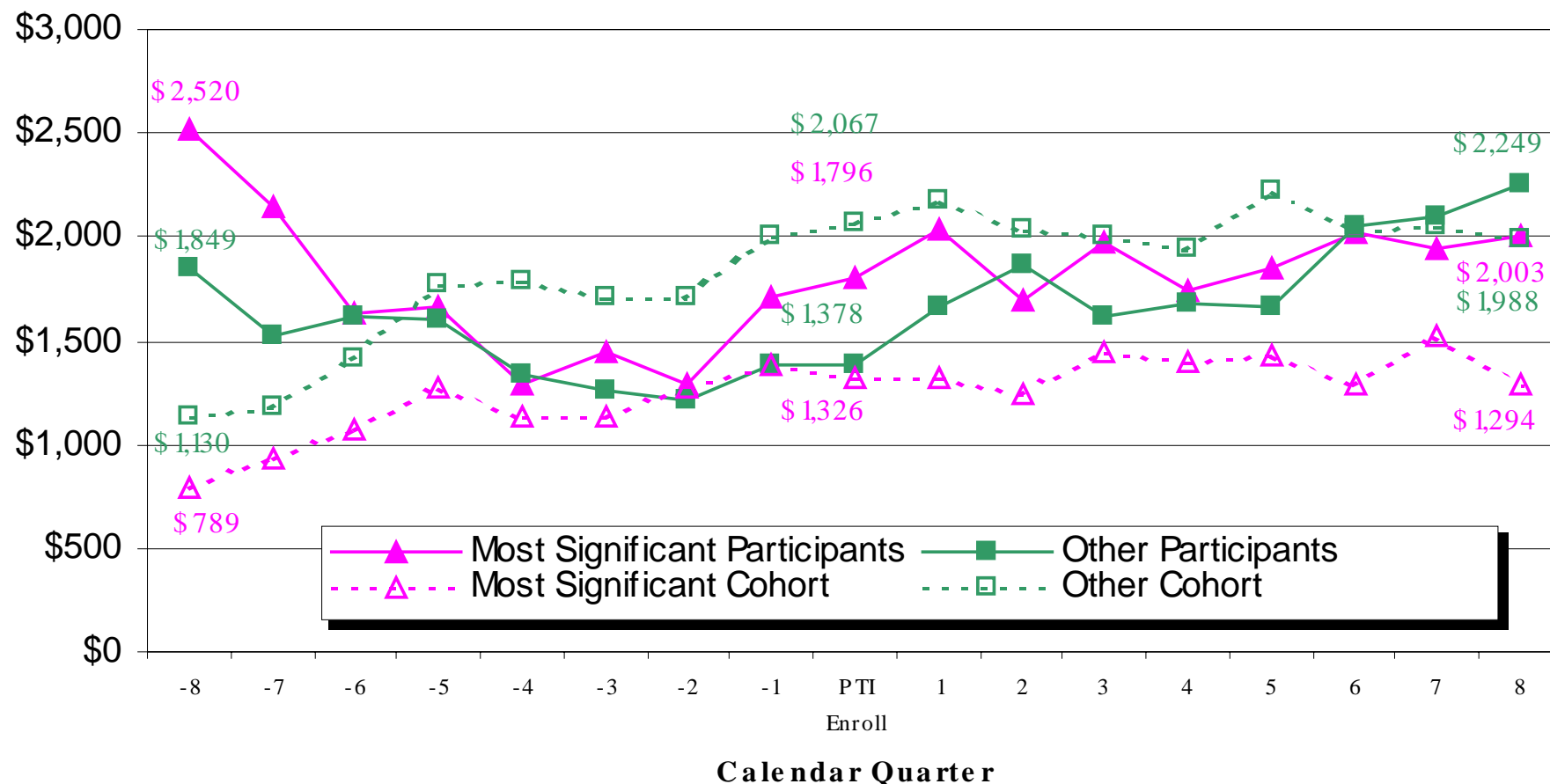
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Environmental Disturbances

- **DVR Order of Selection Closings**
- **Delay in Obtaining Program Elements**
 - **SSA Waivers**
 - **Medicaid Buy-In Program**
- **Provider Agency Start-Up Issues**
- **Post Start-Up Staffing Issues**
- **DVR/Provider Agency Issues**

Environmental Disturbances

- **State Agency Partnership Issues**
- **Technical Assistance Issues**
- **Changes in Economic Conditions**
- **Changes in Funding System**
- **Ticket to Work**



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